

Requirements	According to	Test methods	Limits		Measured values	
Optical quality	ISO 16321-1 5.2.1	ISO 18526-1 6.1	Optical class:	1	Optical class:	1
Spherical refractive power			$\pm 0,06$	m ⁻¹	PASS	m ⁻¹
Astigmatic refractive power			0,06	m ⁻¹	PASS	m ⁻¹
Transmittance tv	ISO 16321-2 4.3.1.2	ISO 18526-2 7	$\geq 8,5 \leq 17,8$	% Filter Category W3	$\geq 8,5 \leq 17,8$	% Filter Category W3
t(λ) 200nm 313nm			$\leq 0,0003\%$		PASS	
t(λ) 313nm 365nm			$\leq 2,8\%$		PASS	
t(λ) 365nm 400nm			$\leq T_v$		PASS	
t _{IRA} 780nm 1400 nm			$\leq 9\%$		PASS	
t _{IR} 780nm 3000 nm			$\leq 9\%$		PASS	
Scattered light	ISO 16321-2 4.3.2	ISO 18526-2 14.2	≤ 1	(cd/m ²)/lx	≤ 1	(cd/m ²)/lx
Quality of material and surface	ISO 16321-1 7.3	Visual inspection of full size sheet	PASS	Visual inspection	PASS	Visual inspection
Basic impact resistance	ISO 16321-1 7.4	ISO 18526-3 7.3.1	PASS	Ø25,4mm; 66,8g; drop hight 1,27m	PASS	
High speed impact at 23 ± 5 °C	ISO 16321-1 7.10.1	ISO 18526-3 7.3.2.1	PASS	>45 m/sec steel ball Ø6,0 mm, 0,86 g velocity (45± 1,5/-0) m/sec	>80 <120	m/sec
Resistance to Fogging	ISO 16321-1 7.13	ISO 18526-3 6.11	-	- sec	-	- sec
Resistance to ignition	ISO 16321-1 7.8	ISO 18526-3 6.10	PASS		PASS	